

Fig. 1A

Mouse MSSIGTGYDL SASTFSPDGR VEQVEYAMKA VENSSTAIGI RCKDGVFCV
Human -----

EKLVLKLYE EGSNKRLENV DRHVGNAVAG LLDARSLAD IAREASNER

SNEGYNIPLK HLDRAVANYV HAYTLYSAVR PFGCSFM LGS YSANDGAQLY

-----V-----

MIDPSGVSYG YMGCAIGKAR QAKTEIEKL QMKENTCRDV VKEVAKIYYI

-----I-----

VHDEVKDKAF ELELSWVGEL TKGRHEIYVK DIREAEKYA KESLNEEDES

-----N-----I-----

DDDDM [SEQ ID NO: 8]

Fig. 1B

C terminal tails

α1 AERD [SEQ ID NO: 9]

α2 A [SEQ ID NO: 10]

α3 KKHHEEEAKAEREKEKEKEKDK [SEQ ID NO: 11]

α4 EKEKEENEKKKKKAS [SEQ ID NO: 12]

α5

α6 EERPQRKAQPAQPADEPAEKADEPMEH [SEQ ID NO: 13]

α7 AKESLKEEDESDDDM [SEQ ID NO: 14]

Net Charge

-1

0

+1

+2

0

-3

-6

